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Controlled airbag module has gas generator that generates gas flow in response to trigger signal that is divided into two sub-flows and fed to different housing parts

Patent Assignee: BSRS RESTRAINT SYSTEMS GMBH; SIEMENS RESTRAINT SYSTEM GMBH

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Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
WO 200056580	A1	20000928	WO 2000EP2397	A	20000317	200056	B
DE 19912369	A1	20001005	DE 1012369	A	19990319	200057	
EP 1165349	A1	20020102	EP 2000914152	A	20000317	200209	
			WO 2000EP2397	A	20000317		

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Patent Details

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Abstract:

WO 200056580 A1

NOVELTY The airbag module has at least one gas generator (1) in a module housing consisting of several parts that generates a gas mass flow in response to a trigger signal that is divided into two sub-flows by a control element (3) in the form of a mechanical distributor element. Each sub-flow is fed into a different part of the module housing.

USE For motor vehicle occupant protection.

ADVANTAGE Is very flexible in terms of application and overcomes the problem of excessive gas sack force on an out of position occupant.

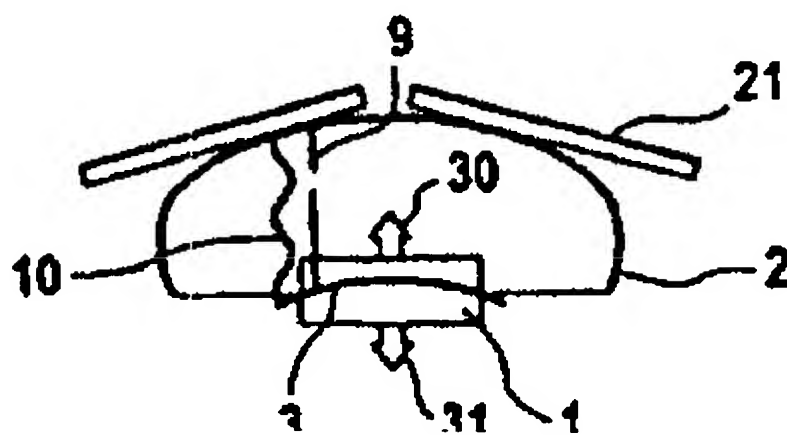
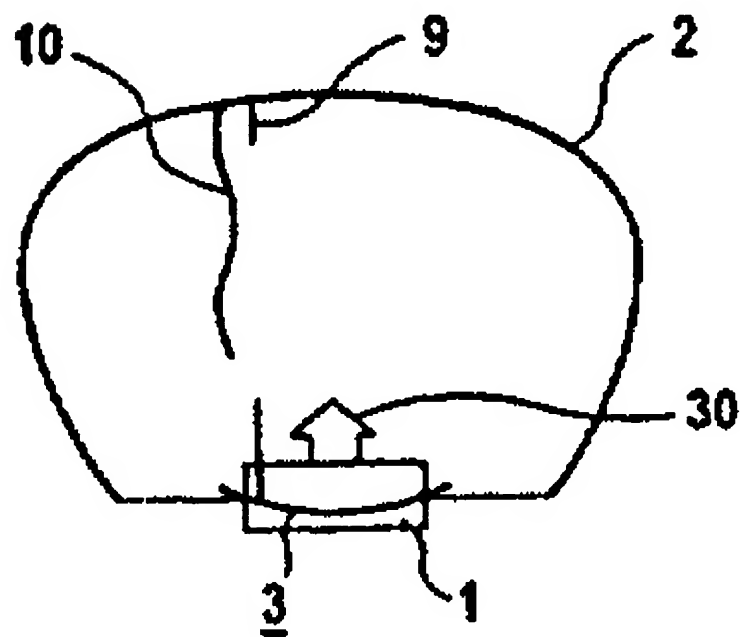
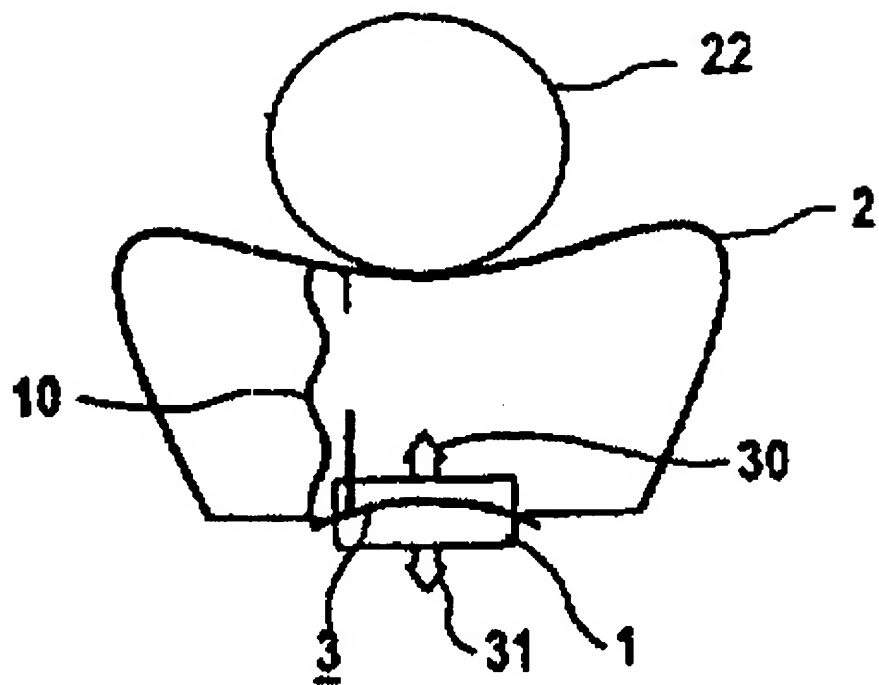
DESCRIPTION OF DRAWING(S) The drawings shows a schematic representation of the deployment of a gas sack after ignition for unhindered and out-of-position cases

gas generator (1)

control element (3)

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